PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

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## UTILITY PATENT APPLICATION

CP-1231 Attorney Docket No. LIM, Mu-III First Inventor Novel Couplers for Use in Oxidative Hair Dyeing

TRANSMITTAL EM239961486US Express Mail Label No. (Only for new nonprovisional applications under 37 CFR 1.53(b)) Assistant Commissioner for Patents **APPLICATION ELEMENTS** ADDRESS TO: **Box Patent Application** Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) Specification [Total Pages (preferred arrangement set forth below) Computer Readable Form (CRF) a. - Descriptive title of the invention b. Specification Sequence Listing on: - Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, i i. 🔲 paper or a computer program listing appendix Statements verifying identity of above copies - Background of the Invention - Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS - Brief Description of the Drawings (if filed) Assignment Papers (cover sheet & document(s)) 9. - Detailed Description - Claim(s) 37 CFR 3.73(b) Statement Power of 10. - Abstract of the Disclosure U Attorney (when there is an assignee) English Translation Document (if applicable) Drawing(s) (35 U.S.C. 113) [ Total Sheets Copies of IDS Information Disclosure 12. [ Total Pages Citations 5 Oath or Declaration Statement (IDS)/PTO-1449 **Preliminary Amendment** 13. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) a. Return Receipt Postcard (MPEP 503) b. (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) DELETION OF INVENTOR(S) 15 Signed statement attached deleting inventor(s) Nonpublication Request under 35 U.S.C. 122 named in the prior application, see 37 CFR 16. QĪ (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. 6 Application Data Sheet. See 37 CFR 1.76 Other: 17. 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.:\_ Prior application information: Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Correspondence address below Customer Number or Bar Code Label (Insent Oustomer No. or Attach bar code label have) ZELLER, Charles J. Name Clairol Incorporated, Patent Department 2 Blachley Road Address Stamford Connecticut 06922 State Zip Code City (203) 316-2220 (203)316-2566 US Fax Country Telephone Charles J. Zeller 28,682 Registration No. (Attorney/Agent) Name (Print/Type) knuary 18,2002 Signature Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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## FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

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|---|------------|--|--|--|
| Complete if Known   |            |  |  |  |
| Application Number  | New Appln. |  |  |  |
| Filing Date   |            |  |  |  |
| First Named Inventor  | Mu-III LIM |  |  |  |
| Examiner Name   |            |  |  |  |
| Group Art Unit  |            |  |  |  |
| Attorney Docket No.   | CP-1231    |  |  |  |

| METHOD OF PAYMENT   | FEE CALCULATION (continued)   |          |  |  |
|---|---|----------|--|--|
| 1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: | 3. ADDITIONAL FEES  |          |  |  |
| Deposit CO 2004   | Large Small<br>Entity Entity  |          |  |  |
| Account Number  | Fee Fee Fee Fee Description   | Fee Paid |  |  |
| Deposit Clairol Incorporated  | Code (\$) Code (\$)  105 130 205 65 Surcharge - late filing fee or oath   |          |  |  |
| Name  | 127 50 227 25 Surcharge - late provisional filing fee or  |          |  |  |
| Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17                                     | cover sheet   |          |  |  |
| Applicant claims small entity status. See 37 CFR 1.27   | 139 130 139 130 Non-English specification   |          |  |  |
| 2. Payment Enclosed:  | 147 2,520 147 2,520 For filing a request for ex parte reexamination  112 920* 112 920* Requesting publication of SIR prior to   |          |  |  |
| Check Credit card Money Other   | Examiner action   |          |  |  |
| TEE CALOURATION   | 113 1,840* 113 1,840* Requesting publication of SIR after Examiner action   |          |  |  |
| 1. BASIC FILING FEE Large Entity Small Entity   | 115 110 215 55 Extension for reply within first month   |          |  |  |
| Large Entity Small Entity   | 116 400 216 200 Extension for reply within second month   |          |  |  |
| Fee Fee Fee Fee Description   | 117 920 217 460 Extension for reply within third month  |          |  |  |
| 101 740 201 370 Utility filing fee . 740,00   | 118 1,440 218 720 Extension for reply within fourth month   |          |  |  |
| 106 220 206 165 Design filing for   | 118 1,440 218 720 Extension for reply within fourth month  128 1,960 228 980 Extension for reply within fifth month  119 320 219 160 Notice of Appeal  120 320 220 160 Filing a brief in support of an appeal  121 280 221 140 Request for oral hearing |          |  |  |
| 107 510 207 255 Plant filing fee  | 119 320 219 160 Notice of Appeal  |          |  |  |
| 108 740 208 370 Reissue filing fee  | 120 320 220 160 Filing a brief in support of an application   |          |  |  |
| 114 160 214 80 Provisional filing fee   |   |          |  |  |
| SUBTOTAL (1) (\$) 740.00  | 138 1,510 138 1,510 Petition to institute a public use diageding  |          |  |  |
|   | 140 110 240 55 Petition to revive - unavoidable   |          |  |  |
| Fee from  | 141 1,280 241 640 Petition to revive - unintentional  |          |  |  |
| Extra Claims below Fee Paid  Total Claims 24 -20** = 4 x 18.00 = 72.00                            | 142 1,280 242 640 Utility issue fee (or reissue)  |          |  |  |
| Independent 6 - 3** = 3 x 84 00 = 252.00  | 144 620 244 310 Plant issue fee   |          |  |  |
| Claims  | 122 130 122 130 Petitions to the Commissioner   |          |  |  |
|   | 123 50 123 50 Processing fee under 37 CFR 1.17(q)   |          |  |  |
| Large Entity Small Entity   | 126 180 126 180 Submission of Information Disclosure Stmt   |          |  |  |
| Fee Fee Fee Fee Description Code (\$) Code (\$)   | 581 40 581 40 Recording each patent assignment per  | 40.00    |  |  |
| 103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3               | property (times number of properties)  146 740 246 370 Filing a submission after final rejection  |          |  |  |
| 104 280 204 140 Multiple dependent claim, if not paid   | (37 CFR § 1.129(a))   |          |  |  |
| 109 84 209 42 ** Reissue independent claims over original patent                                  | 149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))  |          |  |  |
| 110 18 210 9 ** Reissue claims in excess of 20  | 179 740 279 370 Request for Continued Examination (RCE)   |          |  |  |
| and over original patent  | 169 900 169 900 Request for expedited examination   | ļ        |  |  |
| SUBTOTAL (2) (\$) 324.00  | Other fee (specify)   |          |  |  |
| **or number previously paid, if greater; For Reissues, see above                                  | *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 4(  | 0.00     |  |  |

| SUBMITTED BY      |                   |                         | Complete (if applicable) |
|-------------------|-------------------|-------------------------|--------------------------|
| Name (Print/Type) | Charles J. ZELLER | Registration No. 28,682 | Telephone (203)316-2566  |
| Signature         | a lea             | Willen                  | Date January 18,2002     |

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Mu-Ill LIM

Yuh-Guo PAN

James S.ANDERSON

Group Art Unit: N.A.

Filed:

January 18, 2002

Examiner: N.A.

Title:

NOVEL COUPLERS FOR USE IN OXIDATIVE HAIR DYEING

January 18, 2002

## **EXPRESS MAIL CERTIFICATE**

Express Mail Label No.: EM239961486US

Date of Deposit:

January 18, 2002

I hereby certify that the following attached paper(s) and/or fee(s)

- 1) New Patent Application containing: 38 pages of specification; 8 pages of claims; and 1 page of Abstract;
- 2) Combined Declaration and Power of Attorney (executed)
- 3) Fee Transmittal (in duplicate)
- 4) Patent Application Cover Sheet
- 5) Assignment and Assignment Recordation Sheet
- 6) Express Mail Certificate
- 7) Return Receipt Postcard

are being deposited with the United States Postal Service Express Mail Post Office to Addressee service under 37 C.F.R. §1.10 on the date indicated above and is addressed to:

Box: Patent Application; Commissioner for Patents, Washington, D. C. 20231.

Joanne T. Rauchfuss

(Typed or printed name of person mailing paper or fee)

Signature of person mailing paper(s) or fee)

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